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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known	
Application Number	10/648,767
Filing Date	2003-08-25
First Named Inventor	LAROIA; Rajiv
Art Unit	2618
Examiner Name	SOBUTKA, Philip

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Attorney Docket No: 060571U2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2(if known)}			
	001	US4679244	07-07-1987	KAWASAKI; Ryoji et al.	
	002	US4833701	05-23-1989	COMROE; Richard A. et al.	
	003	US5128938	07-07-1992	BORRAS; Jaime A.	
	004	US5387905	02-07-1995	GRUBE; Gary et al.	
	005	US5461645	10-24-1995	ISHII; Junichi	
	006	US5506865	04-09-1996	WEAVER; Jr. Lindsay A.	
	007	US5835847	11-10-1998	GILMORE; Robert P. et al.	
	008	US5898925	04-27-1999	HONKASALO; Et AL.	
	009	US6377955	04-23-2002	HARTMANN; Charles L. et al.	
	010	US6453151	09-17-2002	KIANG; T. ROGER. et al.	
	011	US6625133	09-23-2003	BALACHANDRAN; Krishna et al.	
	012	US6697417	02-24-2004	FERNANDEZ-CORBATON; Ivan et al.	
	013	US6967937	11-22-2005	GORMLEY; Eamonn	
	014	US7047009	05-16-2006	LAROIA; Rajiv et al.	
	015	US7164883	01-16-2007	RAPPAPORT; Theodore S. et al.	
	016	US7212821	05-01-2007	LAROIA; Rajiv et al.	
	017	US7277709	10-02-2007	VADGAMA; Sunil KESHAVJI.	
	018	US7668573	02-23-2010	LAROIA; Rajiv et al.	
	019	US20030023412	01-30-2003	RAPPAPORT; Theodore S. et al.	

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For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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		Number-Kind Code ² (if known)			
	020	US20030207693	11-06-2003	RODERIQUE; William JOHN.	
	021	US20060073836	04-06-2006	LAROIA; Rajiv; et al.	
	022	US2006203765	09-14-2006	LAROIA; Rajiv; et al.	
	023	US20060205356	09-14-2006	LAROIA; Rajiv; et al.	
	024	US20060287743	12-21-2006	SAMPATH; Hemanth; et al.	
	025	US20070015541	01-18-2007	DOMINIQUE; Francis; et al.	
	026	US20080051086	02-28-2008	ETEMAD; Kamran; et al.	
	027	US20080159235	07-03-2008	SON; Jung-je; et al.	
	028	US20020012326	01-31-2002	CHANG; Yong	
	029	US20060128410	06-15-2006	DERRYBERRY; Thomas R.; et al.	
	030	US20060285481	12-21-2006	LANE; Frank A.; et al.	

FOREIGN PATENT DOCUMENTS**EXAMINER SIGNATURE****DATE CONSIDERED**

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
031	DE10162564A1		07-03-2003	SIEMENS AG.		<input checked="" type="checkbox"/>
032	JP2001512921T		08-28-2001	Motorola Inc.		<input checked="" type="checkbox"/>
033	JP2003018641A		01-17-2003	NEC CORP.		<input checked="" type="checkbox"/>
034	KR20050021083A		03-07-2005	SAMSUNG ELECTRONICS CO LTD.		<input checked="" type="checkbox"/>
035	CN1265792		09-06-2000	Telefonaktiebolaget LM Ericsson		<input checked="" type="checkbox"/>
036	CN1316140		10-03-2001	Samsung Electronics Co., Ltd.		<input checked="" type="checkbox"/>
037	CN1507708		06-23-2004	Broadstorm Telecommunications, Inc.		<input checked="" type="checkbox"/>
038	EP1207645A1		05-22-2002	LUCENT TECHNOLOGIES INC [US]		<input type="checkbox"/>
039	JP06268574		09-22-1994	HITACHI LTD.		<input checked="" type="checkbox"/>
040	JP2007525045T		08-30-2007	Flarion Technologies, Inc.		<input checked="" type="checkbox"/>
041	KR1019990084525		12-06-1999	LG ELECTRONICS INC.		<input checked="" type="checkbox"/>
042	KR20040018526		03-03-2004	QUALCOMM Inc.		<input checked="" type="checkbox"/>
043	WO01035548		05-17-2001	ARRAYCOMM INC.		<input type="checkbox"/>
044	WO03094544A1		11-13-2003	NOKIA CORP [FI]		<input type="checkbox"/>
045	WO04084452		09-30-2004	ERICSSON TELEFON AB L M [SE]		<input type="checkbox"/>
046	WO2005069519		07-28-2005	INTERDIGITAL TECHNOLOGY CORPORATION.		<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS**EXAMINER SIGNATURE****DATE CONSIDERED**

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Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
	047	(060571U1) Written Opinion, PCT/US2004/0005242 - International Search Authority - US - 06/14/06.	<input type="checkbox"/>
	048	Hang Zhang et al, "Clean up for Closed-Loop MIMO in H-ARQ MAP IE", IEEE P802.16e/D7 Broadband Wireless Access Working Group < http://ieee802.org/16 >, PP. 1-6, 2010-03-10.	<input type="checkbox"/>
	049	IEEE P802.16e/D5: "Draft IEEE Standard for Local and metropolitan area networks, Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems Amendment for Physical and Medium Access Control Layers for Combined Fixed and Mobile Operation in Licensed Bands", PP. 1-356, September 2004.	<input type="checkbox"/>
	050	IEEE P802.16e/D5: "Draft IEEE Standard for Local and metropolitan area networks, Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems Amendment for Physical and Medium Access Control Layers for Combined Fixed and Mobile Operation in Licensed Bands", PP. 184-190, September 2004.	<input type="checkbox"/>

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